

What is claimed is:

1. The use of an adhesion promoter which comprises from 2 to 100% by weight of a copolymer which contains the following monomer units:

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a) from 70 to 99.9% by weight of monomer units which derive from vinyl compounds selected from acrylic acid derivatives, methacrylic acid derivatives, and vinyl aromatics, and also

10 b) from 0.1 to 30% by weight of monomer units which contain a functional group selected from a carboxylic anhydride group, an epoxy group, and an oxazoline group,

for production of a bond between

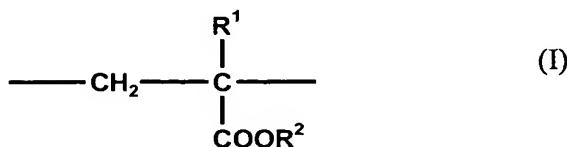
15 I. a layer composed of a polyamide molding compound, and
II. a part composed of an ABS molding composition.

2. The use as claimed in claim 1,

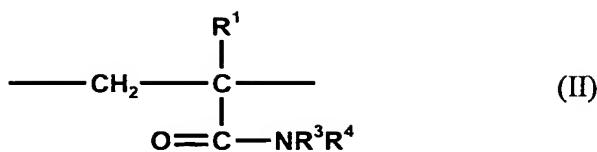
characterized in that

20 the copolymer contains the following monomer units:

a) from 70 to 99.9% by weight of monomer units selected from units of the following formulae:

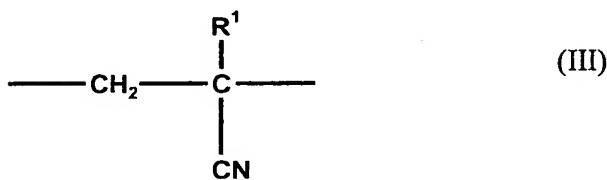


where $\text{R}^1 = \text{H}$ or CH_3 and $\text{R}^2 = \text{H}$, methyl, ethyl, propyl or butyl;

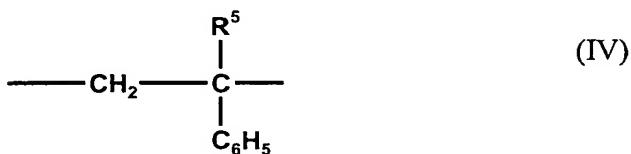


where R^1 is as above and R^3 and R^4 , independently of one another, are identically H, methyl or ethyl;

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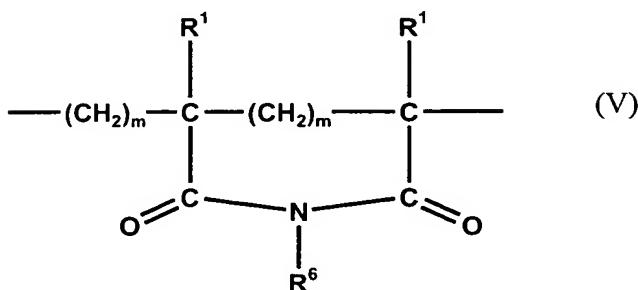


where R^1 is as above;



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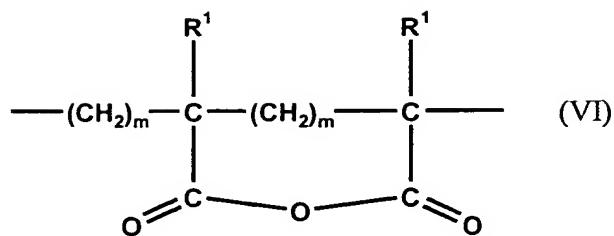
where R^5 = H or CH_3 ;



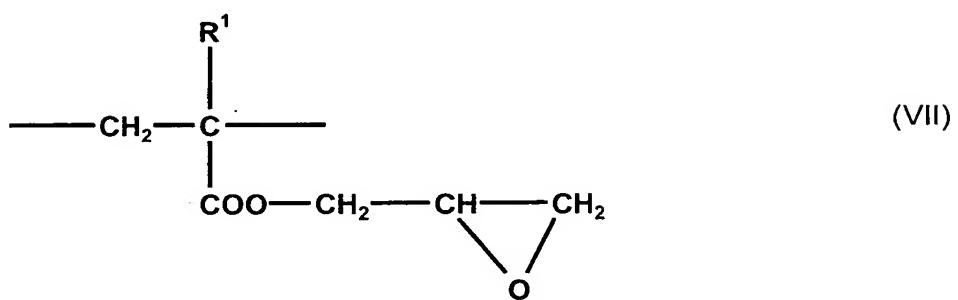
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where R^1 is as above and R^6 = H, methyl, ethyl, propyl, butyl or phenyl, and $m = 0$ or 1;

b) from 0.1 to 30% by weight of monomer units selected from units of the following formulae:

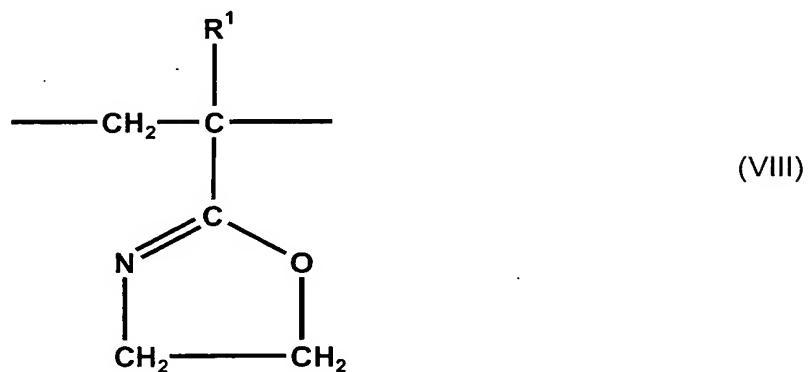


where R^1 and m are as above;



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where R^1 is as above;



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where R^1 is as above.

3. The use as claimed in claim 1 or 2,

15 characterized in that

the adhesion promoter comprises

from 2 to 99.9% by weight of the copolymer, and
from 0.1 to 98% by weight of ABS.

5 4. The use as claimed in claim 1 or 2,
characterized in that
the adhesion promoter comprises

from 2 to 99.9% by weight of the copolymer, and
10 from 0.1 to 98% by weight of polyamide.

5. The use as claimed in claim 1 or 2,
characterized in that
the adhesion promoter comprises

15 from 2 to 99.8% by weight of the copolymer,
from 0.1 to 97.9% by weight of ABS, and
from 0.1 to 97.9% by weight of polyamide.

20 6. A multilayer film which comprises the following layers:

- at least one layer composed of a polyamide molding composition, and also
- at least one layer composed of the adhesion promoter as claimed in any of claims 1 to 5.

25 7. The multilayer film as claimed in claim 6,
characterized in that

it comprises one or more other layers selected from an ABS layer, another polyamide layer, a color layer, a functional layer, and a clearcoat.

30 8. A process for production of a multilayer film as claimed in claim 6 or 7,
characterized in that
the multilayer film is produced via coextrusion or lamination, and also via a process

which follows, if appropriate.

9. A composite part composed of

- a multilayer film as claimed in claim 6 or 7, and
- a part composed of an ABS molding composition.

10. The composite part as claimed in claim 9,

characterized in that

the ABS molding composition comprises other thermoplastics as constituents.

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11. The composite part as claimed in claim 9 or 10,

characterized in that

the part composed of an ABS molding composition has been shaped in the form of a sheet.

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12. The composite part as claimed in any of claims 9 to 11,

characterized in that

it is a bodywork part of an automobile, is a cladding, is a decorative strip, is a cover strip, is a panel, or is a decorative element.

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13. A process for production of a composite part as claimed in any of claims 9 to 12,

characterized in that

the composite part is produced via coextrusion, pressing, lamination, or via reverse coating by an injection-molding, compression-molding, or foaming method, and also, if appropriate, via subsequent forming.

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